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REHS 2023/ 2024 Exam| Questions and Verified Answers| 100% Correct |Grade A (Latest Update)

Q: To prepare a solution of 100 mg per liter available chlorine, _____ of 5.25% bleach with one gallon of water should be used.

a. 0.5 oz
b. 1.0 oz
c. 0.33 oz
d. 0.25 oz

Answer:
0.25 oz

Q: The detention time for waste water in a septic tank is recommended to be

a. 6 to 12 hours
b. 24 to 72 hours
c. 1 week
d. none of the above

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Answer:
24 to 72 hours

Q: One of the most important factors contributing to disease transmission of microbiological agents is

a. chlorination
b. concentration or dose of microorganisms
c. filtration
d. flocculation

Answer:
concentration or dose of microorganisms

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Q: The ability of a soil to absorb and allow water and air to pass through is related to all of the following except

a.chemical composition
b. texture
c. cation exchange capacity
d. granular structure

Answer:
cation exchange capacity

Q: The NODAK system is designed to

a. protect groundwater
b. decrease surface area
c. all evaporation of most liquids
d. none of the above

Answer:
protect groundwater

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Q: What two factors determine the groundwater contamination potential from a septic tank?

a. size of tank and depth of groundwater
b. contaminants in tank and soil characteristics
c. permeability of septic tank materials and soil characteristics
d. soil characteristics and depth to groundwater

Answer:
soil characteristics and depth to groundwater

Q: Detention time for septic tanks should be not less than

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a. 8 hours
b. 12 hours
c. 24 hours
d. 36 hours

Answer:
24 hours

Q: Which of the following is not a factor in the satisfactory operation of a septic tank/sand filter system?

a. rate of sewage application
b. effectiveness of sand
c. ratio of septic tank size to sand filter size
d. uniformity coefficient sand

Answer:
ratio of septic tank size to sand filter size

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Q: What is considered to be the best single strength measure of wastewater polluted water containing degradable waste?

a. DO
b. 5 day BOD
c. COD
d. total coliform

Answer:
5 day BOD

Q: What is the permissible hour threshold limit value for H2S?

a. 10 ppm
b. 20 ppm
c. 30 ppm
d. 40 ppm

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Answer:
20 ppm

Q: The 5 day BOD test should be performed when

a. measuring the concentration of suspended solids in wastewater
b. determining the bacteriological quality of drinking water
c. conducting a series of tests to determine the degree of water pollution
d. requiring more rapid results than can be obtained by using the COD test

Answer:
conducting a series of tests to determine the degree of water pollution

Q: The roentgen is a measure of ionization in air produced by exposure to

a. x-rays or gamma rays
b. alpha particles
c. beta particles
d. all of the above

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Answer:
x-rays or gamma rays

Q: Lasers emit

a. mechanical radiation
b. ionizing radiation
c. electromagnetic radiation
d. none of the above

Answer:
electromagnetic radiation

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